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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Carlo Albertini et al.

Serial No.: 09/319,811

Filed: July 26, 1999

For: SEISMIC WAVE SIMULATION  
APPARATUS

Attorney

Docket No.: 76252



Group No.: 3662

Examiner:

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231, on this date:

10/20/99

Date

Registration No.: 22,839

Attorney for Applicant(s)

*Richard F. Wood*

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicants, through their undersigned attorneys, submit the following statement consisting of:

I. A copy of the International Search Report and cited documents rendered in applicants' priority International Application No. PCT/EP97/05417, and attached Form PTO-1449.

II. General Remarks

A copy of each of the following listed documents is enclosed herewith.

**I. PATENTS, PUBLISHED PATENT APPLICATIONS AND PUBLICATIONS**

<u>U.S. Patent</u>	<u>Date of Issue</u>	<u>Patentee(s)</u>
4,126,039	Nov. 21, 1978	Smith et al.
4,300,394	Nov. 17, 1981	Wiley
4,912,979	Apr. 3, 1990	Sondergeld et al.

5,036,696	Aug. 6, 1991	Ahrens et al.
5,371,483	Dec. 6, 1994	Bhardwaj
5,487,298	Jan. 30, 1996	Davis et al.

Published Patent Applications

French Application No. 74 00772.

International Application No. PCT/SE79/00092

European Patent Application Publication No. 0687899 A2

Publications

The Behavior of Materials Subjected to Dynamic Incremental Shear Loading, (Campbell and Dowling), pp. 43-63.

Experimental facility to produce and measure compression and shear waves in impacted solids<sup>a</sup>, (Cupta, Keough, Walter Henley and Urweider).

Possibility of measuring shear waves in oblique-impact experiments with in-material piezoresistance gauges, (Rosenberg and Bless), pp. 3928-3930.

Study of true tensile stress-strain diagram of plan concrete with real size aggregate; need for and design of a large Hopkinson bar bundle, (Albertini and Montagnani), pp. C8-113-118.

A modified split Hopkinson torsional bar in studying shear localization, (Xue, Shen and Bai), pp. 1557-1565.

GENERAL REMARKS

It is respectfully requested that the documents cited in the International Search Report be given consideration by the Examiner and made of record in the subject patent application.

Respectfully submitted,

WELSH & KATZ, LTD.

By 

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October 20, 1999  
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